INTERNATIONAL SEARCH REPORT

Interna sal Application No PCT/JP2005/004739

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F01N9/00 F01N F01N3/025 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 F01N Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category ° Relevant to claim No. Α PATENT ABSTRACTS OF JAPAN 1-10 vol. 008, no. 094 (M-293) 28 April 1984 (1984-04-28) & JP 59 007720 A (MITSUBISHI JIDOSHA KOGYO KK), 14 January 1984 (1984-01-14) abstract Α FR 2 804 718 A (PEUGEOT CITROEN 1-10 AUTOMOBILES SA) 10 August 2001 (2001-08-10) abstract; figures Α EP 1 318 289 A (RENAULT S.A.S) 1-10 11 June 2003 (2003-06-11) abstract; figures -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance Invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled O' document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 23 June 2005 30/06/2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016 Blanc, S

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PCT/JP2005/004739

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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.	
A	PATENT ABSTRACTS OF JAPAN vol. 017, no. 346 (M-1437), 30 June 1993 (1993-06-30) & JP 05 044434 A (NISSAN MOTOR CO LTD), 23 February 1993 (1993-02-23) cited in the application abstract		1-10	
A	PATENT ABSTRACTS OF JAPAN vol. 008, no. 108 (M-297), 19 May 1984 (1984-05-19) & JP 59 018222 A (TOYO KOGYO KK), 30 January 1984 (1984-01-30) abstract		1-10	
A	DE 100 62 270 A1 (ROBERT BOSCH GMBH) 20 June 2002 (2002-06-20) abstract; figures		1-10	

INTERNATIONAL SEARCH REPORT

information on patent family mempers

Internal Application No
PCT/JP2005/004739

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
JP 59007720 A	14-01-1984	NONE		
FR 2804718 A	10-08-2001	FR AT DE EP	2804718 A1 291687 T 60109508 D1 1124042 A1	10-08-2001 15-04-2005 28-04-2005 16-08-2001
EP 1318289 A	11-06-2003	FR EP	2833310 A1 1318289 A1	13-06-2003 11-06-2003
JP 05044434 A	23-02-1993	NONE		نت ہے یہ سے خد سے _ک ے ہنا نام کا بھا کا ا
JP 59018222 A	30-01-1984	JP JP	1807626 C 5006011 B	10-12-1993 25-01-1993
DE 10062270 A	1 20-06-2002	WO EP	0248511 A2 1346135 A2	20-06-2002 24-09-2003